

## **Required Information for 401 Water Quality Certification Applications for Utility Line Activities from the Kentucky Division of Water**

When submitting an application for utility line activities crossing a surface water of the commonwealth, the applicant must include the following listed information and complete the provided table and/or other summary information to expedite the review process:

- 1. A detailed project description.**
- 2. A large scale map showing the entire route of the project.**
- 3. The proposed route of the project on 8 ½ by 11-inch copies of 7.5-minute United States Geological Survey (USGS) quadrangle maps, national wetland inventory maps, published soil survey maps, scaled aerial photographs, and/or other suitable maps. Clearly mark (such as by circling) and number the location of each proposed utility line crossing and/or appurtenant structure(s) impacting a surface water of the commonwealth on the map. Pictures should also be taken of the crossing locations. Surface waters means those waters having well-defined banks and beds, either constantly or intermittently flowing; lakes and impounded waters; marshes and wetlands; and any subterranean waters flowing in well-defined channels and having a demonstrable hydrologic connection with the surface. Lagoons used for waste treatment and effluent ditches that are situated on property owned, leased, or under valid easement by a permitted discharger are not considered to be surface waters of the commonwealth (401 KAR 10:001 Chapter 10, Section 1(80)).**
- 4. For each potential utility line crossing or appurtenant structure(s) impacting surface water(s) of the commonwealth, the following site specific information when applicable:**
  - a) 7.5-minute USGS quadrangle surface water name, map name, latitude/longitude coordinates in degrees, minutes, and seconds, county;**
  - b) Identify any waterway to be impacted that is designated by the Kentucky Division of Water as an Outstanding State or National Resource Water, Cold Water Habitat, or Exceptional Water (<http://eppcapp.ky.gov/spwaters/>);**
  - c) Stream flow regime of proposed impacted stream(s);**
  - d) Wetland Habitat Type (National Wetland Inventory classification of forested wetland, emergent wetland, scrub-shrub wetland, etc.);**
  - e) Proposed method of crossing (bore, trench, etc.);**
  - f) The stream width (as measured from top of bank to top of bank) and crossing length;**
  - g) List any perennial streams (shown as a blue-line on a USGS 7 ½ minute topographic map) within 50 ft or less of the sewer line (401 KAR 5:005 Section 8).**
  - h) Specify temporary or permanent impacts in linear ft (width of crossing as measured along the stream bank) or wetland acreage. Include temporary and permanent access roads; and**
  - i) A typical cross-section.**

July 13, 2011

**Table 1: Surface Water Crossed by the Project**

[illegible]

\* OSRW – Outstanding State Resource Water; ONRW – Outstanding National Resource Water, CAH – Coldwater Habitat, EXCW – Exceptional Waters (401 KAR 10:031 Sections 1, 4, and 8).

\*\* As measured from top-of-bank to top-of-bank.

\*\*\* As measured along the stream bank.